

# Derartu Nigatu Tuge

## Software Engineer



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GitHub



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Addis Ababa, Ethiopia

## Education

### BSC in Software Engineering

Addis Ababa, Ethiopia

Addis Ababa University

## Profile

Motivated and fast-learning **Software Engineering student at Addis Ababa University** with a strong passion for full-stack development and problem-solving. Skilled in **Next.js, NestJS, PostgreSQL, Supabase, Flutter, and Kotlin**, with hands-on experience building scalable web and mobile applications. Adept at collaborating in teams, writing clean and maintainable code, and quickly adapting to new technologies. Eager to grow as a developer by contributing to impactful, real-world projects and continuous learning.

## Skills

### Programming Languages:

Python, Kotlin  
Java, JavaScript  
(ES6+), TypeScript, ,  
SQ  
Go (Golang)

### Frontend Development:

React.js, Next.js,  
Flutter, Jetpack  
Compose, HTML5,  
CSS3, Vue.js,  
Tailwind CSS

### Backend Development:

Node.js, NestJS,  
Express.js,  
GraphQL, RESTful  
API Development

### Databases & Cloud:

PostgreSQL,  
Supabase,  
MongoDB, Render,  
Vercel

### Version Control &

#### Tools:

Git, GitHub,  
Docker, Postman,  
VS Code

## Projects

### ThinkTank Innovation Idea Submission App

Kotlin, NestJS, PostgreSQL

- Developed a role-based idea submission platform with private/public visibility.
- Implemented authentication, admin approval, and RESTful API integration.

### Zemenay Blog System

A modular, plug-and-play blog platform built to integrate seamlessly into Next.js applications.

A production-ready blog system with all essential features, including authentication, role-based access control, content management, and real-time analytics.

## **BookHaven** ☽

**BookHaven** is a modern full-stack book e-commerce platform built with React, TypeScript, Node.js, Express, and PostgreSQL. Users can browse, search, and purchase books. The app integrates with the Google Books API for book data.

## **Languages**

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- Amharic - Native Proficiency
- English - Professional (Working Proficiency)
- Afaan Oromo